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1. (currently amended) A battery connected to a computer system for supplying power to said computer system, comprising:

a first sensor provided at a first location in said battery for detecting temperature;

a second sensor provided at a second location different from said first location in said battery for detecting temperatures; and

a CPU for outputting information on ~~the~~ respective actions to be implemented by said computer system to said computer system according to ~~the~~ respective temperatures detected by ~~the~~ respective sensors, wherein a first action is taken at least part of the time based only on the first sensor indicating a first temperature, the first action also being taken at least part of the time based only on the second sensor indicating a second temperature different than the first temperature, said first sensor and the temperature detected by said second sensor.

2. (original) The battery according to Claim 1, wherein said CPU selects a predetermined state from a plurality of states to which said computer system can transition, according to the respective temperatures obtained by said first sensor and said second sensor, and outputs information on said selected predetermined state to said computer system.

3. (original) The battery according to Claim 1, wherein the first sensor is provided at a location in proximity to a protection circuit for preventing an overcurrent and the second sensor is provided a location in proximity to the surface of a cover housing said battery.

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4. (original) The battery according to Claim 1, wherein the action to be implemented by said computer system is selected based on temperature levels indicated by said sensors from a plurality of measures including decreasing the clock frequency of the system unit CPU in the computer system, intermittently operating said system unit CPU, a suspend CPU operation, and turning off the power completely.

5. (currently amended) A battery pack which is attached to an electric equipment, comprising:
a cover forming a part of the outer wall of said electric equipment when said battery pack is attached to said electric equipment;

an outer wall sensor for detecting the temperature in proximity to a predetermined location on said cover;

a memory for storing predetermined relations between the temperatures detected by said outer wall sensor and a plurality of temperature rise suppressing measures;

a process determination logic for determining a temperature rise suppressing measure from the temperature detected from said out wall sensor, according to the relations stored in said memory;

and

an output logic for outputting to said electric equipment commands for initiating the temperature rise suppressing actions determined by said process determination logic; and

an internal temperature detecting sensor for detecting the temperature at a predetermined location in said battery pack, wherein at least a first action condition when a first temperature is

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detected by said internal temperature detecting sensor is different from at least a second action condition when the first temperature is detected by said outer wall sensor.

6. (cancelled).

7. (currently amended) The battery pack according to Claim [6], wherein said predetermined location for which temperature is detected by said internal temperature detecting sensor is a protection circuit.

8. (currently amended) A computer system constructed so that a battery pack for power supply can be attached to the system unit thereof, wherein said battery pack comprises:

a cover forming a part of the outer wall in said computer system when said battery pack is attached to said computer system;

a first temperature detector for detecting the temperature in proximity to a predetermined location on said cover forming a part of said outer wall;

at least one second temperature detector;

an operation level selector for selecting a level of operation in said computer system according to the temperature detected by at least one of said temperature detectors; and

a transmitter for transmitting information on the level of operation selected by said operation level selector to said system unit, and

said system unit operates according to said information transmitted from said battery pack, wherein a first action is taken when the first detector indicates a first temperature and

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is not taken when the second detector indicates the first temperature, the first action also being taken when the second detector indicates a second temperature different than the first temperature.

9. (original) The computer system according to Claim 8, wherein said system unit includes a CPU which functions as a brain of said computer system, and said operation level selector in said battery pack selects a first state for decreasing the clock frequency of said CPU and a second state for intermittently operating said CPU as said level of operation.

10. (currently amended) An electric apparatus constructed so that a battery pack for power supply can be attached to the system unit thereof, comprising:

a plurality of temperature detectors provided for a plurality of locations in said battery pack;

a measure selector for selecting the respective temperature rise suppressing measures ~~of a specific stage from the temperature rise suppressing measures of a plurality of stages,~~ according to each respective temperatures detected by said plurality of respective temperature detectors; and

a suppressing measure implementing logic for implementing the temperature rise suppressing measure selected by said measure selector.

11. (original) The electric apparatus according to Claim 10, wherein said measure selector determines stepwise temperature rise suppressing measures of lower to higher levels according to the temperature condition of each of the temperatures detected by said plurality of temperature detectors, and if

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the temperature detected by at least one temperature detector of said plurality of temperature detectors corresponds to the temperature conditions of a stage at a level higher than the temperature rise suppressing measure of the current stage, it selects the temperature rise suppressing measure of said stage corresponding to said temperature condition.

12. (original) The electric apparatus according to Claim 11, wherein said measure selector selects any two or more of a measure for decreasing the clock frequency of the CPU in said system unit, a measure for intermittently operating said CPU, a suspend measure in the system unit, and a power-down measure as stepwise temperature rise suppressing measures.

13. (original) The electric apparatus according to Claim 12, wherein if the temperature detected by all the temperature detectors of said plurality of temperature detectors correspond to the temperature conditions of a stage at a level lower than the temperature rise suppressing measure of the current stage, said measure selector selects the temperature rise suppressing measure at the lower level from the current stage.

14. (original) The electric apparatus according to Claim 10, wherein a plurality of types of battery packs can be attached to said system unit, and from said measure selector, a temperature rise suppressing measure is selected under a different temperature condition for each type of attached battery pack.

15. (original) The electric apparatus according to Claim 10, wherein said measure selector is provided in said battery pack, and said electric equipment further includes a transmitter for transmitting

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information on the temperature rise suppressing measure selected by said measure selector to said system unit from said battery pack.

16-18 (canceled).

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